

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Sample ID	ADWS-ARP-150808-11	ADWS-IT1-150808-11	ADWS-IT2-150808-11	FWS-ARP2-150808-11
			Date	8/8/2015	8/8/2015	8/8/2015	8/8/2015
			Review Status	Preliminary	Preliminary	Preliminary	Preliminary
Metals, Dissolved							
Aluminum, Dissolved	7429-90-5	ug/L	--	< 24 U	< 24 U	< 24 U	< 24 U
Calcium, Dissolved	7440-70-2	ug/L	--	61000	60000	57000	66000
Iron, Dissolved	7439-89-6	ug/L	--	< 17 U	< 17 U	< 17 U	< 17 U
Magnesium, Dissolved	7439-95-4	ug/L	--	8100	8100	7800	8300
Mercury, Dissolved	7439-97-6	ug/L	--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
Potassium, Dissolved	7440-09-7	ug/L	--	2200	2100	2300	2200
Sodium, Dissolved	7440-23-5	ug/L	--	14000	13000	13000	16000
Metals, Total							
Aluminum, Total	7429-90-5	ug/L	--	4200	2800	1900	5300 F1
Calcium, Total	7440-70-2	ug/L	--	69000	67000	61000	69000
Iron, Total	7439-89-6	ug/L	--	15000	10000	6000	16000
Magnesium, Total	7439-95-4	ug/L	--	9400	9100	8400	9400
Mercury, Total	7439-97-6	ug/L	--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
Potassium, Total	7440-09-7	ug/L	--	3700	3200	2900	4000
Sodium, Total	7440-23-5	ug/L	--	15000	14000	13000	17000
General							
pH	pH	SU	--	8.04 HF	8.06 HF	8.13 HF	8.1 HF
Total Hardness	Thardness	mg/L	--	210	200	190	210

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

SU - Standard Units (pH)

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Sample ID	FWS-FDPS-150808-11	LVW-FD-150808-11	LVW-WPI-150808-11	MWSS-ARI-150808-11
			Date	8/8/2015	8/8/2015	8/8/2015	8/8/2015
			Review Status	Preliminary	Preliminary	Preliminary	Preliminary
Metals, Dissolved							
Aluminum, Dissolved	7429-90-5	ug/L	--	< 24 U	390	270	< 24 U
Calcium, Dissolved	7440-70-2	ug/L	--	66000	52000	51000	67000
Iron, Dissolved	7439-89-6	ug/L	--	< 17 U	220	150	< 17 U
Magnesium, Dissolved	7439-95-4	ug/L	--	8400	6600	6500	8600
Mercury, Dissolved	7439-97-6	ug/L	--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
Potassium, Dissolved	7440-09-7	ug/L	--	2200	2500	2500	2200
Sodium, Dissolved	7440-23-5	ug/L	--	16000	20000	19000	16000
Metals, Total							
Aluminum, Total	7429-90-5	ug/L	--	5000	22000	29000	4600
Calcium, Total	7440-70-2	ug/L	--	70000	64000	67000	68000
Iron, Total	7439-89-6	ug/L	--	14000	30000	36000	14000
Magnesium, Total	7439-95-4	ug/L	--	9600	11000	12000	9200
Mercury, Total	7439-97-6	ug/L	--	< 0.08 U	0.089 J	< 0.08 U	< 0.08 U
Potassium, Total	7440-09-7	ug/L	--	3800	7000	8400	3600
Sodium, Total	7440-23-5	ug/L	--	17000	22000	21000	16000
General							
pH	pH	SU	--	8.1 HF	8.03 HF	8.02 HF	8.12 HF
Total Hardness	Thardness	mg/L	--	210	210	220	210

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SU - Standard Units (pH)

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Analyte	CAS.NO	Units	Sample ID	NSW-ARI-150808-11
			Date	8/8/2015
			Review Status	Preliminary
Metals, Dissolved				
Aluminum, Dissolved	7429-90-5	ug/L	--	< 24 U
Calcium, Dissolved	7440-70-2	ug/L	--	58000
Iron, Dissolved	7439-89-6	ug/L	--	< 17 U
Magnesium, Dissolved	7439-95-4	ug/L	--	7900
Mercury, Dissolved	7439-97-6	ug/L	--	< 0.08 U
Potassium, Dissolved	7440-09-7	ug/L	--	2200
Sodium, Dissolved	7440-23-5	ug/L	--	12000
Metals, Total				
Aluminum, Total	7429-90-5	ug/L	--	2200
Calcium, Total	7440-70-2	ug/L	--	63000
Iron, Total	7439-89-6	ug/L	--	8300
Magnesium, Total	7439-95-4	ug/L	--	8700
Mercury, Total	7439-97-6	ug/L	--	< 0.08 U
Potassium, Total	7440-09-7	ug/L	--	3000
Sodium, Total	7440-23-5	ug/L	--	13000
General				
pH	pH	SU	--	8.12 HF
Total Hardness	Thardness	mg/L	--	190

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

SU - Standard Units (pH)

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg